

## Shallow Tri for Sapphire

by Henk Prins, October 2018

Angles for R.I. = 1.760

46 + 12 girdles = 58 facets

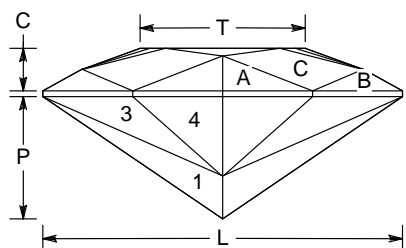
3-fold, mirror-image symmetry

96 index

$L/W = 1.035$   $T/W = 0.475$   $U/W = 0.421$

$P/W = 0.351$   $C/W = 0.123$

$Vol./W^3 = 0.138$



### PAVILION

1	38.00°	05-27-37-59-69-91	Cut to PCP
2	90.00°	04-28-36-60-68-92	Establish size
3	41.04°	04-28-36-60-68-92	Meet 1 and 2
4	44.25°	02-30-34-62-66-94	Meet 1 and 3
5	90.00°	02-30-34-62-66-94	Meet 2,3 and 4, level girdle

### CROWN

A	33.50°	02-30-34-62-66-94	Set girdle width
B	34.00°	04-28-36-60-68-92	Level girdle
C	31.00°	03-29-35-61-67-93	Meet A and B at girdle
D	17.60°	96-32-64	Meet A and C
E	15.20°	14-18-46-50-78-82	Meet C and B
T	0.00°	Table	Meet C, D, E

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